

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method of storing data comprising:
placing a plurality of carriers of different colors at each of a plurality of locations a ~~single location~~ on a rotating data storage medium disk to represent data by the presence and absence of said colors;
exciting said colors within said carriers at each location by making them fluoresce;
measuring said fluorescence of said carriers at each location to identify presence and absence of said colors.
2. (Canceled).
3. (Original) The method of claim 1 wherein said carriers are nanometer size fluorescent particles.
4. (Original) The method of claim 3 wherein said particles comprise quantum dots.
5. (Original) The method of claim 4 wherein said quantum dots are made up of red, blue, and green color.
6. (Original) The method of claim 4 wherein said quantum dots are made up of a plurality of shades of a color.
7. (Original) The method of claim 1 wherein said placing of said carriers is performed using inkjet based technology.

8. (Original) The method of claim 1 wherein said placing of said carriers is performed using laser-induced technology.

9. (Cancelled)

10. (Currently Amended) The method of claim 1 wherein a holographic multi-spectral filter HSMF is used for dispersing collimated fluorescent light on a ~~specrally~~ spectrally sensitive component.